

Alternative Stormwater Management

Elkins, West Virginia



RANDOLPH COUNTY



HOUSING AUTHORITY



Woodlands
Development Group

Highland Meadows

TYGART VALLEY MALL





Highland
Meadows

Tygart
Valley Mall

West Virginia Department of Environmental Protection

Non-Point Source Program

319 Funding

For large projects, WVDEP Non-Point Source Program can provide funding for construction if:

- The receiving stream is listed as “impaired” by the state’s 303(d) list;
- A watershed-based plan has been completed for the impaired stream(s);
- Water quality in the stream will be measurably improved as a result of the project;
- The proposed installation will discharge subsurface into the soil and *not* into a receiving stream.

Funding is awarded on an annual basis, and awards typically range from \$50,000-\$300,000.

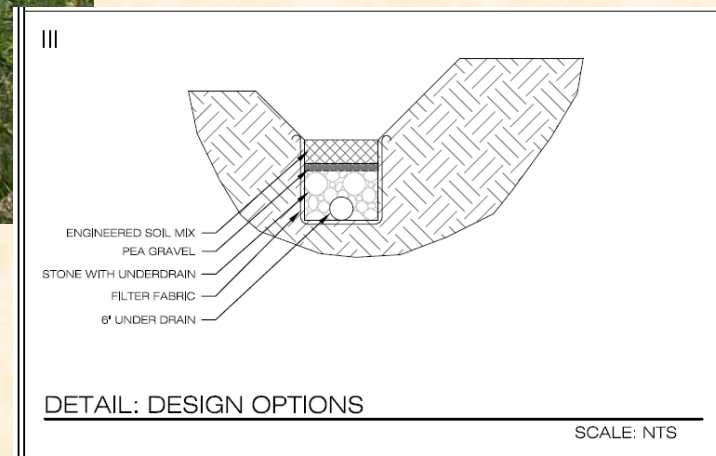
West Virginia Department of Environmental Protection
Non-Point Source Program
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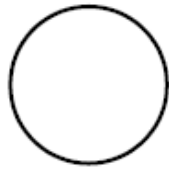
For smaller education and outreach projects, no “impaired” designation or water quality monitoring is necessarily required.

Highland Meadows Demonstration
Stormwater Project

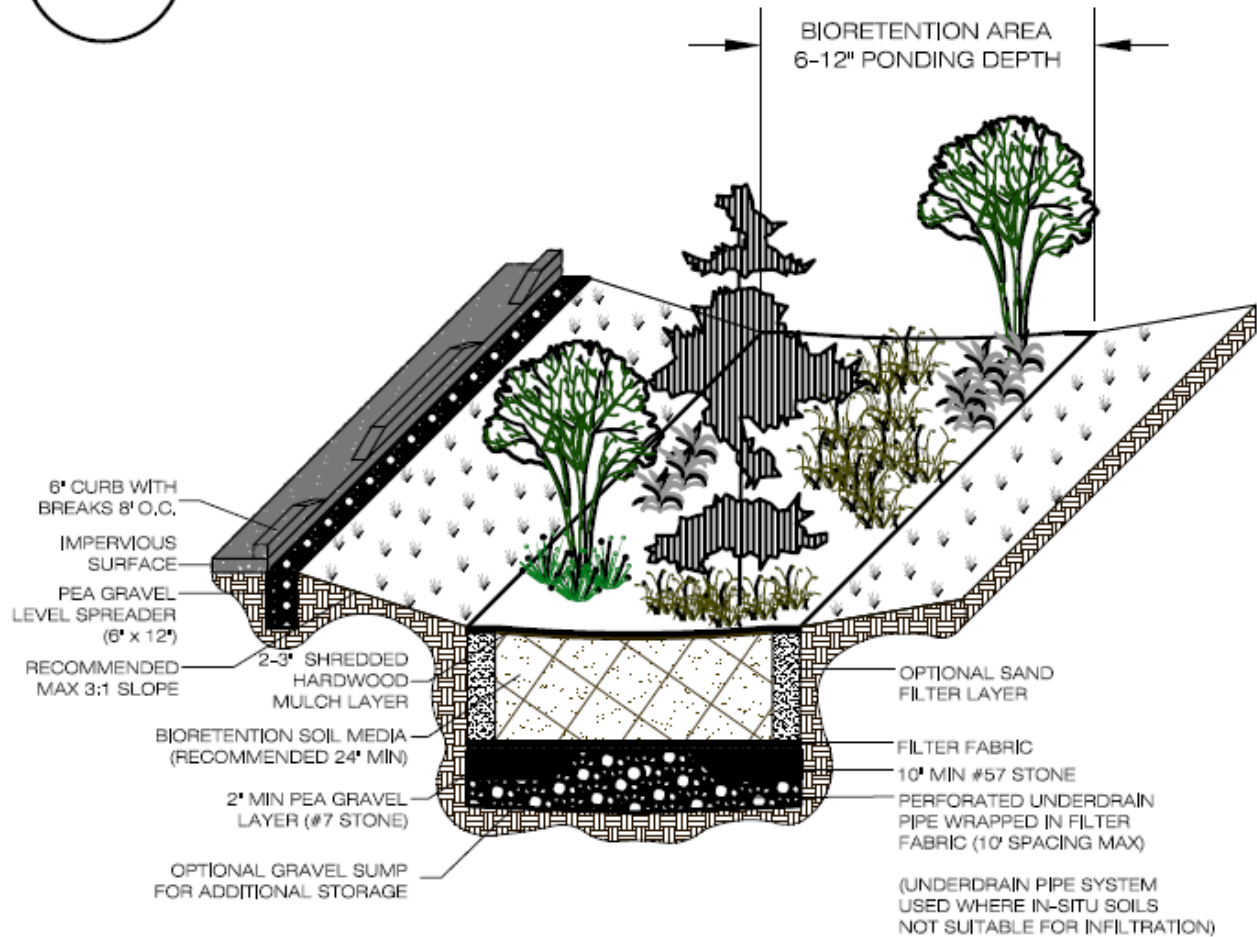
| | |
|--------------|----------|
| Total Cost: | \$57,169 |
| DEP Portion: | \$34,301 |
| Our Match: | \$22,868 |

Swale & Drain Construction





BIORETENTION



Wetlands Construction



constructed wetlands

A **wetland** is an area of land that is usually saturated with water.

Wetlands often serve to filter, slow and store **stormwater runoff**. This helps slow erosion, prevent flooding and **improve water quality**.

A **constructed wetland** like this one helps control and clean the stormwater runoff in developed areas like neighborhoods, where **paved surfaces** keep water from being absorbed back into the ground.

Constructed wetlands also provide **habitat** for native plants and animals that might otherwise be driven out by development.



This constructed wetland project was funded in part by the West Virginia Department of Environmental Protection